



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

BERGMANN *ET AL.*

Application Serial No.: 09/381,032

Filed: December 17, 1999

Title: RECEPTOR BINDING ASSAYS FOR THE DETECTION OF TSH RECEPTOR AUTOANTIBODIES
AND REAGENT KIT FOR CARRYING OUT SUCH A RECEPTOR BINDING ASSAY

Group Art Unit: 1644

Examiner: HUYNH, P.N.

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TECH CENTER 1600/2900

October 23, 2002

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AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 14, 2002, please enter the following amendments and consider the following remarks.

IN THE CLAIMS:

Please cancel claims 14 to 22 without prejudice or disclaimer.

Please add the following claims:

23. (New) A method for the determination of TSH receptor autoantibodies comprising:

- B1
- (i) reacting a solid phase, comprising an affinity-purified immobilized recombinant human TSH receptor, with a liquid biological sample to be assayed for the presence of said autoantibodies;
 - (ii) separating a reacted solid phase from the liquid biological sample;
 - (iii) washing the reacted solid phase;